

I. THESE-PHASE INDUCTION NOTORS TO 100 MJ

Model		Wat Synchro	nous RPM	Not Weig	Price.	
	1500	1000	750	A	AL	Price, Rubles
A31 Ah2 and AIh2	0.6	-	-	16.5	12	120
165 MINE WINE	2.8	1.7		41.5	29.5	227
181	140	10 28	7	138	- 1	635
192	100	20	20	360	- 1	1,550
		1		665	<u> </u>	2,890

W-1-3		- 00	Net weigh	Met weight, kg		
Model	RPM	167	<u> </u>	AL	Price, Rubles	
A31-2 and AL31-2	3000	1	16.5	12	132	
42-2 and ALA2-2	3000	4.5	42	30.5	250	
162-2	3000	20	143			
181-2	3000	55	370	-	1,860	
A92-2	3000	125	685	-	3,480	

Kode1		Sy at Synchronous RPM			Bet Weight, kg	
	1500	1000	750	AÒ	AOL	Price, Rubles
A031 and A0L31	o .6	_	_	20	12.5	142
A042 and A01A2 A062	2.8	1.7	-	45	31	270
	10	7	4.5	162	-	650
100	40	28	20	495	-	2,330
A094	100	75	55	890	- 1	4,350

(continued)

I. THREE PHASE INDUCTION MOTORS, TO 100 KW - 2

Model .		KW	RPM	Not weight, kg	Price ruble
A62-8/4		5	720	140	760
A81-8/4	w.c.	14 20	730 1470	360	1,860
192-8/4	" "	40 55	730 1470	665	3,480
162-12/6		3	470	140	760
181-12/6		9	950 480	360	1,860
192-12/6		25	970 485	665	3,480
162-8/6/4		3.5 4.5	975 695 940	140	830
181-8/6/4		10 12.5	710 960	360	2,010
192-8/6/4	·	28 36	710 960	665	3,770
62-12/8/6/4		1.3 2 2.5	160 705 910	125	730
92-12/8/6/4		3 17 24 28 36	1610 670 715 950 1640	660	3,920
ROUP I	*				
031-4/2		0.45	1420	21	177
042-4/2		0.6 2.1 2.8	2840 1430 2850	45	338

I. THERE PHASE INDUCTION MOTORS, TO 100 KM - 3

GROUP E (continued)

Model	10r	RPK	Net weight, kg	Price, rubles
A062-8/4	2.5	- 4 cm2 720	345	n/a
	3.5 5.0	1450	165	760
A082-8/4	14	7870	l or	
	20	730 1470	495	2,800
A094-8/4	40		Co.	
	45	730 1470	890	5,220
1062-12/6	2.0	15.70		
-12/0	3.5	470	165	760
1082-12/6	100	950		
-12/0	9 1h	480	495	2,800
1094-12/6		970	A-1	
2	25 No	485	890	5,220
A042-6/4/2		975		
2/4/2	1.0	950	45	338
	1.3 1.7	1450 2680		
N062-8/6/N				
MOE-0/0/4	2.5	710	165	810
	3.0	950 1k20		
MG82-8/6/4	3.5			
mics-0/0/4	10.0	720	495	2,940
,	12.5 14.0	970 1 h 50		·
- A - A - C - A		145G		
1094-8/6/4	26	730	890	5,510
	36 40	980		
		730 980 1470 470		
10-62-12/8/6/4	1.3 2.0	470	165	835
	2.0	715		
•	2.5	930		
	3.0	1430		
1082-12/8/6/4	6.0	715 930 1430 480	495	3,020
	8.5	725	• • • •	3,000
	10.0	96 ó		
	12.5	1460		
1094-12/8/6/4		725 960 1460 480	890	5,660
• • •	17 24	730	~~~	,,000
	26	730 970 1470		
	36	310		

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I. THERE PHASE INDUCTION MOTORS, TO 100 KM - 4

GROUP P

W.	RSf	at Synchronous RF	(Price
Model	1500	1000	750	(Not weight, kg)	rubled
AP-62	14	10	7	140	700
AP-81	40	28	20	360	1,710
AP-81 AP-92	100	75	55	360 665	3,200
AOP-42 AOP-62	2.8	1.7	-	45	3,200 275 700
AOP-62	10	7	4.5	. 165	700
AOP-82	40	26	20	495 8 90	2,500
AOP-94	100	75	55	890	2,500 4,930
CENCULA C					
ak-62 ak-81	14	10	7	160	1,150
ak-81	10	28	20	. 400	1,150 2,700 4,650
AK-92	100	75	55	750	4.050

GROUP A

		KW at Synchron			Met wt.	Price
kael	1500	1000	750	600	(k g)	ruble
M5-115 <u>a</u> /	135	75	60	45	1180	5,300
	110	-	-	- 1	1180	6,300
M6-125a/	-	130	95	80	1520	7,100
চ/	-	110		-	1520	8,600
M6-128a/	300	215	155	130*	1870	9,000
চ∕		190	125*	100	1825	10,700
Mઇ-138€/	-	320	245	180	2235	12,100
<u>\bar{b}</u> /	410	320 280	200*	165*	2350	15,200
<u>e</u> /	300	-	_		2300	17,500
AN6-115	135	-	1 -	_	1020	4,600
AA6-128 .	300	_	1 -		1870	7,800
AM6-338	-	320	245	_ 1	2100	10,500
AM5-115	-	320 75	60	45	970	4,600
A15-125		130	95	80	1370	€,200
A46-128	-	215	155	130#	1710	7,800
A45-138	-	_		180	2080	10,500
ANC 6-115	110	-		-	1020	5,650
APT0-123	_	185	-	-	1900	9.600
JAN176-133b/	410	280	200	-	2230	13,600
<u> </u>	300	190			2180	15,600
ANT6-12)		110	-	_	1370	7,700
ANTO-123	-	190	125	100	1710	9,600
1 00 06-133	-			165	2080	.13,600

(continued)

a/ 220/390: 380 and 500 volts.

^{5/ 3}kW0 volts. c/ 6000 volts.

^{*}Produced with pullays only in installation type SBCSS2 (i.e., on two shield and one stand pipe bearing. us common tess plate, for belt drive).

II. THREE PHASE INDUCTION MOTORS, ABOVE 100 EW - 2

		XV at	Synchronous	REM		Bet wt.	Price
Model_	1500	1000	750	600	500	(kg.)	rubles
1476/	500	380	260	200	-140	3100	19,900
c/	500 360 680	-	200	10		2900	22,900
1410 ₀ /	680	520	370	280	210	3600	24,60
<u>e</u> /	500	380	260	200		3600	20,40
15105/	1100	850	625	430	320	5100	32,00
5/		650		400	280	5100	37,07
už je e-	DAMESO SERT	23					
147 ₂ 7	500	386	560	77-200		3000	7 - 17,270
. ⊆ ⁄,	360	-	200	-		3000	19,600
1410b/	68 0	520	370	280	210	3550	21,50
<u>e</u> /,	500	380 850	280	200	-	3550	23,50
15105/	1100	850	625	\ \ \ 30	320	5050	28,000
	850	650				5050	31,400
DAZO-15-10-8		-	300	_	_	7000	53,000
DAZ-148-4	140				-	3200	23,600
GROUP B							
Kođe 1	Synchronous	RPM	XC4	Volts		Net wt.	Price,
(AD-114-8	750		55	220/380		1070	rubles 5,000
MD-126-8	750		130	220/380 and	500	1500	9,300
CAB-138-6	1000	+3	330	500		2600	14,500
CNO-111-2	3000	.75. ₀₀	100	220/380; 38	lo I	970	5,700
OMO-123-2	3000		220	380		1570	8,700
CHICU-124-2	3000	*	275	380 and 500	, [1710	10,300
(WO-122-c	3000	i	160	3000	į	1370	9,300
DMD-133-2	3000	1	360	3000	l	2000	13,300
DUID-134-2	3000		350	6000		2230	16,500

	KS/	SE INDUCTION MOTO	M	Ret wt.	Price,
Model	1500	1000	750	(kg)	rubles
MA-142-2	8	5.5	4	158	740
MA-145-1	3 6	25	20	510	2,648
MA-146-2 .	36 85	25 61	46	820	4,200
	147 - 1 · · · · · · · · · · · · · · · · · ·			-3	
MA-145-F-1		21	18	620	4,750
Ma-146-F-2	-	52	42	930	7,500
- 1		1.1	1000		1,35-4
10-11	0 90	6	1 4	180	1,010* 1,900*
10 0-32	32	25	20	555	3,000 5,500
K D-52	100	75	50	1070	5,900* 10,600*
K-11				**	
	4	15		160	900
K-32	15	15	_ 11	5 3 0	2,700
KA-36-71	120	80	Ge	3520	7.200
KA-36-72P	120	90	65	1338	7,100
	120	>	70	1557	11,000
TAG-21	0.9	0	of the State of th	44	290
TAG-32	3.5	2.3		112	550

Model .	Syach. RPM	KW	Net weight, kg	Price,
MA-35-41/2	3000	18	380	2,710
MA-35-51/2	3000	35	635	4,500
MA-35-71/2	3000	125	1410	9,800
100-11-2	3000	8	135	1,350* 2,120*
100-32-2	3000	32	555	3,400* 6,250*
100-52-2	3000	100	1070	6,800* 12,600*
MARP-114-6	750	55	1080	6,500
MARP-117-8	750	95	1380	8,100
MARP-128-8	750	160	1900	10,800

^{*}lst column of prices for mormal insulation; second column for silicon organic insulation.

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IV. SYNCHRONOUS MOTORS AND CEMERATORS

				EV with			7
iodel .	RPM	EV.	KVA	0.8		Met wt.	Price
A.	GENERATORS TO	100 KV	2.72	0.0	Volts	(leg)6/	rubles
P#-10	1500	0.75			100		
PW-85	1500	6.0			120	64	900
PN-290	1500	50.0	_	-	120	178	1600
G-3 5-6	1000		35	28	230	600	5700
BA-73-4-A	1500	_	30 30	24	-	470	2290
cs -6.25	1500	_	30			330	3600
G-4c-1	1500		h	5.0	230	170	1690
GT-25/6	1000		- 	3.2	-	120,	1600
В.			25	-	400	325.0/	2100
N-125	1000	113		N (4) 8			
4-13 6	750	146	-			1450	300
		r - ===				2100	11000
1 06 -6				t-			
HU0~0	1000	296	400		380	2050	
~ 0	1000	265	360		3000	3250	20200
106- 8	750	221	300		380	3180	22700
	750	20k	280			3200	20000
6 05-10	600	249	340		3000	3200	23000
	600	237	325		380	4000	24000
06-12	500	233	320		3000	3900	27500
04-1 6	375	iii	160		380	4090	24300
607-6	1000	421			380	3210	20000
10- 8	750	501	570 670		6000	4450	34000
					6000	5000	38000
	GENERATORS OVE	R 100 KH (GS SER	IES)				
05- 6	1000	264	330		Lan		
26-8	750	376	470	ì	F00	303C	1,700
	750	320	400		400	3900	25000
0 5-10	600	152	190		6300	3900	27000
05-12	500	128	160	İ	400	3000	19500
05-16	375	156		!	400	3150	رَانِ وَلَا يَعْدُ
05-20			195		400/230	3360	21700
26 -6	VJ-000	120 Fors Re lease 20	150 :	IN DDBC2500	224286832000	3070	20000
	Approved	FOISHEIBASE 20	U 1/4030/UZ : L	14-KUP025UU	∠ ૩ ៲ ℊ ֈֈֈ ֈֈՄ10002	2007 <u>95</u> 4	3,7000

V. HYDROGERERATORS, VERTICAL, SYNCHROROUS, THREE-PHASE

Model	RPM	KVA	KV	Volts	Net wt.	Price,
Series VGS						
		•		. *		
-325/39-20	30 0	3750	3000	6 300	45,000	275 800
exciter	300	-	52	110	47,000	315,800
-325/39-28	214	2300	1840	6300	745,500	310,200
exciter	214	•	45	150 /20	47,700	310,200
-325/49-32	187	3125	2 5ळ	6300 ·	747,000	
exciter	187		65	160	47,000	<u>32</u> 9,000
-325/2970	150	1 <u>500</u>	1200	63 0 0	4ī,ōoō ~ ~ ~	
exciter	150_	-	45	115	4,1,000	~~ 295,īoo
-325/39-40	150	5000	<u>160</u> 0	5300	- 7-3,867	
exciter	150	-	55	140	43,000	305,500
-325/24-40	150	750	600	6300	20,700	3 5 5 5
exciter	750_	-	21	80	20,100	143,500
-325/20-712	130.5	375	300	`	18,700	
exciter	975	•	28.5	100	10,100	135,400
-325/24-46 :	130. 5	625	300	. – – 1600– – – -		
exciter	975	_	28.5	100	19,600	105,300
-325/24-60	100	375	300	2300		
exciter	800	-1	21	80	19,600	15 0,40 0
-260/20-24	250	850	680	6300	16 500	
exciter	980	•	20 .	115	16,500	141,000
-213/11-20	300	250	200	400/230	ζ <u>το</u> ο	
exciter	1000	•	10	400/230 75	6,500	67,700
-213/15-20	300	375	· 300	400/230		
exciter	1000	217	10		7,400	77, 0 00
-213/11-24	250	200	150	1 00/230		
exciter	1000		10		7 - 6,000	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
-213/15-26	250	· 56	250	10 0/230		
exciter	1000	-,-	10	400/250	7,000	15,200
-213/20-24	250	375	360	500/300		
exciter	1000	217	10		7,600	77,000
-213/24-28	214	₹50	360			and the top the control of the
exciter	1000	- - -			9,423	90,000
			10			

a/Price includes comproyed For Release 2001/03/02: CIA-RDP62S00231A000100020075-0 other models.

ADDITIONAL DESCRIPTIVE NOTES FOR MOTORS AND GENERATORS (MisFin Price Book , Volume II)

I. THREE-PHASE INDUCTION MOTORS TO 100 KW

GROUP A (pp. 472-473) - Shorted rotor, shielded. Installation Type SHCH-2 (see explanation below). Series A, cast iron casing, series AL, aluminum. Voltage - 220/380 and 500. Also 127/220 for models A-31 and A-42, and AL-42.

GROUP B (p. 473) - Same.

GROUP C (pp. 473-474) - Same, except that models are enclosed and ventilated.

GROUP D (pp. 475-476) - Shorted rotor, shielded, multispeed, for 220/380 and 500 volts. Installation SECH2.

Series with suffix 8/4: 750 and 1500 synchronous RPM.

12/6: 500 and 1000

8/6/4: 750, 1000 and 1500

12/8/6/4: 500, 750, 1000, 1500

GROUP E (pp. 476-478) - Shorted rotor, enclosed and ventilated for 220/380 and 500 volts. Installation SHCE2.

Series ending 4/2: 1500 and 3000 synchronous RPM.

8/4: 750 and 1500 12/6: 500 and 1000

6/4/2: 1000, 1500 and 3000

8/6/4: 750, 1000 and 1500

12/8/6/4: 500, 750, 1000 and 1500

GROUP F (p. 480) - Shorted rotor, increasing starting moment for 220/380 and 500 volts. Installation, SECE2. Series AP, shielded; series AOP, enclosed and ventilated.

GROUP G (p. 481) - Phased rotor, shielded for 220/380 and 500 volts. Installation SHCH2.

SURCHARGES (as percent of indicated prices) levied for installation type design changes (p. 482).

-			
	Installation Type	Surcharge (of	
1.	Horisontal, flange on bearing shield (F2)	20	
٠. د	Flange on bearing shield and case on feet (SECH2/F2)	20	
J.	Vertical, flange on lower shield (VZ)	30	
4.	With second free shaft end	5	

a/The base price is for standard SECH2 installation type; horisontal with frame on feet.

EDITIONAL DESCRIPTIVE NOTES ... (cont.)

TERES-PRASE TRIBUCTION MOTORS ABOVE 100 KM

GROUP A (pp. 483-486) -

Series AM6 - phased rotor, shielded. DAM6 - shorted rotor with double cage, shielded for 220/380,

380 and 500 volts.

GAMS - shorted rotor with deep groove, shielded. Some

voltage.

DANTE - shorted rotor with double cage, shielded. Designed

for difficult operating conditions. 3000 volts.

GAMTS - Shorted rotor with deep groove, shielded. Designed

for difficult operating conditions. 3000 volts.

PANCO- phased rotor, shielded with constantly leaning (1)

(nalegatushchili) brushes.

DAMSO - shorted rotor.

= shorted rotor, shielded, 6000 volts. DAZQ)-

The installation type is SECH2 - on two-shield bearings with free shaft end for fitting pulley or coupling. Series GAM6, DAM6, CAM76, DAMSO cas be obtained with two free shaft ends.

GROUP B (p. 486) -Series MAD and MAB - phased rotor, constantly leaning (?) brushes, shielded. Series KANO and KANOU - shorted rotor, enclosed, ventilated, with two free alms't ends.

Installation type of all series, SECS2.

SUBCHARGES (+) AND DISCOUNTS (-) RELATIVE TO BASE PRICES FOR DESTON CHANGES (pp. 488-489)

Design Changes	Marie V	s of base price
1. Enclosed, ventilated 2. Second free shaft end (motors with phased rotos are not produced with two free ends) 3. Voltage changes: from 6000 to 3000 3000 to 500 and lower 500 to 3000 3000 to 6000		+10 + 5 - 9 - 15 + 18 + 10

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AND THATE DEDOCTION MEDIAN, MOTOSION PROOF AND CUTTING (pp. 489-471)

write he-140 - shorted rotor, enclose with outer blowing (Tventilation. obliv). 380 volts.

Series MA-1kOF - same, except phased rater.

Series XD - seme as MA-140.

Series K - shorted rotor, enclosed without outer ventilation, 380 volts.

Madel MA-36-71 - same as Series K.

Model Ma-36-72F - seen, except phased rotor.

Baries TAD - shorted rotor, enclosed, 220/380 volts.

Series MA-35 - shorted rotor, enclosed, outer ventilation. Indicated NV output when temperature of surrounding air = 55°C.

Nodels KO-11-2, 32-2, 52-2 - shorted rotor, 2 pole, enclosed with outer ventilation for 380 volts.

Series MARP - phened rotor, "super-sais" for 220/380 and 500 volts.

all of the above - installation type HECH2.

TV. SYNCORDECUS MOTORS AND CEREPATORS

A. Generators to 100 km (p. 492)

Series ars - single-phase, with self-exciter for 50 Borts frequency, Cycle-fac drip-shielded.

Models EG-35-6 and MSA-72-4A - three-phase, with exciter (included in weight and price), horisontal, open, on two-shield rolling bearings; 230 and 400 volts; 50 Earts frequency Cylinfold

Model 808-6.25 - three-phase, shielded, self-exciting; 230 volts 50 Eres cycles/plc.

Model SG-4c-1 - three-phase, shielded, with self-excitation from selenium ractifier, with transformer-voltage-stabilizer.

Model SOT-25/6 - three-phase, self-excitation from mechanical rectifler, automatic voltage regulation, 50 Easts frequency. Cycles occ.

All models above, except 307-25/6, are installaton type SECER. The model NGT-25/6 is horizontal, on two rolling bearings.

B. Motors Over 100 km (pp. 493 and 695)

Sories SM - three-phase, shielded; 220, 380 and 500 volts, SECH: type. Series DS - three-phase, shielded.

C. Generators over 100 kv (p. 494)

Series GS - three-phase, shielded.